

IN THE CLAIMS

For the convenience of the Examiner, all pending claims of the present Application are shown below.

1. **(Currently amended)** A system for communicating management information, comprising:

a first interface card coupled to a first network device that uses a first operating system;

a second interface card coupled to a second network device that uses a second operating system; and

a management card coupled to the first interface card and the second interface card, the management card operable to:

receive a command from a client, the command identifying an interface card or a network device associated with an interface card;

establish a communication link between the client and a particular one of the first interface card and the second interface card selected in response to the command communicated by the client, ~~wherein the communication link forms a complete path that couples at least the client to at least the particular interface card;~~ and

communicate management information using the communication ~~link.~~ link,
wherein the management card comprises:

a switch operable to establish the communication link between the client and one of a first port and a second port of the management card;

a memory operable to store mapping information associating the first port with the first interface card and the second port with the second interface card; and

a processor coupled to the memory and the switch, the processor operable to:

receive the command;

determine the port associated with the particular interface card using the mapping information;

command the switch to establish the communication link between the client and the determined port; and
configure the management information for the operating system of the network device associated with the particular interface card.

2. **(Canceled)**
3. **(Canceled)**
4. **(Original)** The system of Claim 1, wherein the communication link comprises a serial communication path.
5. **(Original)** The system of Claim 1, wherein the command comprises information selecting one of the first interface card and the second interface card.
6. **(Original)** The system of Claim 1, wherein the management information comprises information used to configure a network device associated with the particular interface card.

7. **(Currently amended)** A method for communicating management information performed by a management card, comprising:

receiving a command from a client, the command identifying a particular one of a first interface card and a second interface card, wherein the first interface card is coupled to a first network device that uses a first operating system and the second interface card is coupled to a second network device that uses a second operating system;

storing mapping information that associates a first port of a switch with the first interface card and a second port of the switch with the second interface card;

establishing a communication link between the client and the particular interface card in response to receiving the command, wherein establishing the communication link comprises determining a port associated with a particular interface card using the mapping information and establishing a communication link between the client and the determined port using the switch ~~the communication link forms a complete path that couples at least the client to at least the particular interface card;~~

configuring management information for the operating system of the network device associated with the particular interface card; and

communicating the management information using the communication link.

8. **(Canceled)**

9. **(Canceled)**

10. **(Original)** The method of Claim 7, further comprising operating the client to generate the command and the management information.

11. **(Original)** The method of Claim 7, wherein the communication link comprises a serial communication path.

12. **(Original)** The method of Claim 7, wherein the command comprises information selecting one of the first interface card and the second interface card.

13. **(Original)** The method of Claim 7, wherein the management information comprises information used to configure a network device associated with the particular interface card.

14. (Currently amended) A management card, comprising:

a switch coupled to a first interface card and a second interface card, the switch comprising a first port coupled to the first interface card and a second port coupled to the second interface card, wherein:

the first interface card is coupled to a first network device that uses a first operating system;

the second interface card is coupled to a second network device that uses a second operating system; and

the switch is operable to establish a communication link between a client and one of the first port and the second port;

a memory coupled to a processor and operable to store mapping information that associates the first port with the first interface card and the second port with the second interface card; and

a processor coupled to the switch and operable to:

receive a command communicated by the client ~~a client~~, the command identifying a particular one of the first interface card and the second interface card; ~~and~~

determine the port associated with the particular interface card using the mapping information;

command the switch to establish a communication link between the client and the determined port ~~particular interface card, wherein the communication link forms a complete path that couples at least the client to at least the particular interface card; and~~

configure management information for the operating system of the network device associated with the particular interface card.

15. (Canceled)

16. (Original) The management card of Claim 14, wherein the processor is further operable to communicate management information using the communication link.

17. **(Canceled)**

18. **(Original)** The management card of Claim 14, wherein the communication link comprises a serial communication path.

19. **(Original)** The management card of Claim 14, wherein the command comprises information selecting one of the first interface card and the second interface card.

20. **(Original)** The management card of Claim 14, wherein the management information comprises information used to configure a network device associated with the particular interface card.

21. (Currently amended) A system for communicating management information, comprising:

means for receiving a command from a client, the command identifying a particular one of a first interface card and a second interface card, wherein the first interface card is coupled to a first network device that uses a first operating system and the second interface card is coupled to a second network device that uses a second operating system;

means for storing mapping information that associates a first port of a switch with the first interface card and a second port of the switch with the second interface card;

means for establishing a communication link between the client and particular interface card in response to receiving the command by determining a port associated with a particular interface card using the mapping information and establishing a communication link between the client and the determined port, ~~wherein the communication link forms a complete path that couples at least the client to at least the particular interface card;~~

means for configuring management information for the operating system of the network device associated with the particular interface card; and

means for communicating the management information using the communication link.

22. **(Previously presented)** A system for communicating management information, comprising:

a first interface card coupled to a first network device that uses a first operating system;

a second interface card coupled to a second network device that uses a second operating system; and

a management card coupled to the first interface card and the second interface card, the management card operable to:

receive a command from a client, the command identifying an interface card or a network device associated with an interface card;

establish a communication link between the client and a particular one of the first interface card and the second interface card selected in response to the command communicated by the client;

configure management information for the operating system of the network device associated with the particular interface card; and

communicate the management information using the communication link.

23. **(Previously presented)** The system of Claim 22, wherein the management card comprises:

a switch operable to establish the communication link between the client and one of a first port and a second port of the management card;

a memory operable to store mapping information associating the first port with the first interface card and the second port with the second interface card; and

a processor coupled to the memory and the switch, the processor operable to:

receive the command;

determine the port associated with the particular interface card using the mapping information; and

command the switch to establish the communication link between the client and the determined port.

24. **(Previously presented)** The system of Claim 22, wherein the communication link comprises a serial communication path.

25. **(Previously presented)** The system of Claim 22, wherein the command comprises information selecting one of the first interface card and the second interface card.

26. **(Previously presented)** The system of Claim 22, wherein the management information comprises information used to configure a network device associated with the particular interface card.